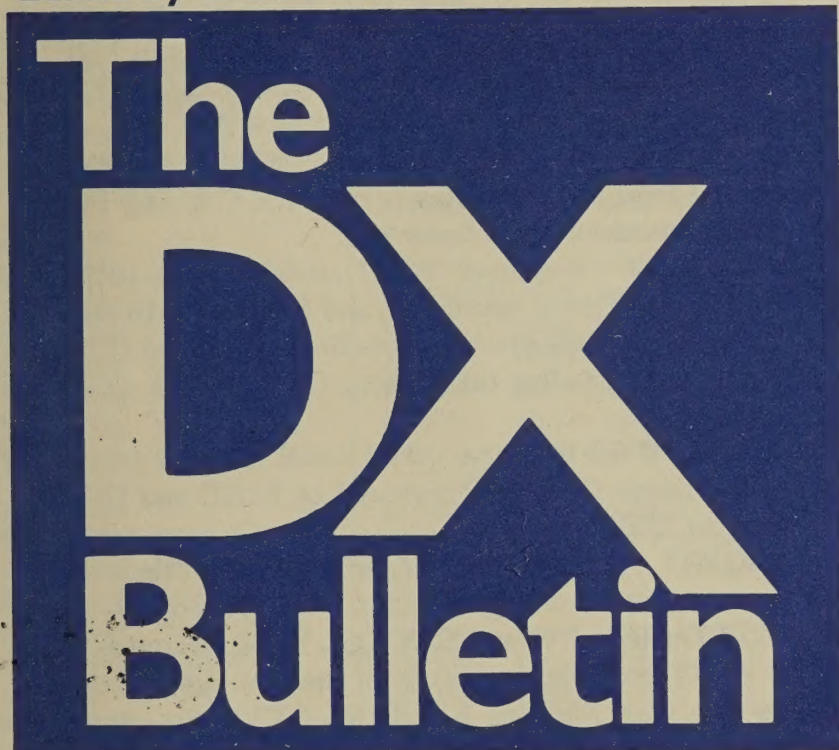


**Tonga - A3** Paul Kidd KK6H begins operation as A35RK at the end of July. Paul will be active for at least six months and maybe much longer. Once he gets his station set up, look for regular activity. QSL via W7TSQ. Do not send cards to the A3 bureau, as bureau manager A35CT leaves Tonga in early August. Paul will be making some side trips to neighboring islands, including 3D2RK from Fiji, as well as Rotuma, Vanuatu, South Cooks, Niue, and French Polynesia. The DX Bulletin will have complete information prior to these operations.

### Shortly Noted

■ **YJ0ARW** is Ron Wright ZL1AMO on Vanuatu. Try 7007 kHz at 1100Z and 14007 kHz at 0000Z. Ron listens below his transmitting frequency as well as above.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

■ **P5:** Sanyi HA7VK received a short rejection of his request to operate amateur radio in North Korea. All of the various P5 and HM calls claiming to be in North Korea are pirates. Do not attempt to QSL same.

■ **8J1SEA** marks the Japanese national holiday of Sea Day July 20. 8J1SEA will operate July 19-21 on 80-10 meters, SSB, CW, and the amateur satellites. Try 40, 20, and 17 meters 09-2000Z. No QSL route provided.

■ **W4O** is the official Olympic Commemorative Station in Atlanta; QSL as per operator's instructions.

■ **VP5/I0LL** is active from Providenciales (NA-002) in the Turks & Caicos until July 28, on all bands and modes. QSL home call.

■ **GB80CS** marks 80 years of scouting July 20-21, on 20 and 80 meters. Contacts with other scouts are welcome. QSL to G0RJX.

### Islands On The Air

■ **VI8CI** (or maybe VK8CI) is active from Croker Island, a New One for IOTA, until July 24. QSL to VK8HA.

■ **5W0BS** is the callsign that the W8 group will use in the IOTA contest from Apia (OC-097); QSL to AA8HZ.

■ **ZX1A** on CW and **ZY1A** on SSB will be active in the IOTA contest from Grande I. (SA-029). QSL to PY1SL.

■ **KR4UJ** and **KR4DL** will operate from Cedar Key (NA-076) in the IOTA contest, with activity before the contest.

■ **GM6Z** will be active on CW and SSB in the IOTA contest from the Summer Islands (EU-092), operated by GM0LVI, GM0GAV, and GM4EVS. QSL to GM0GAV.

■ **J16KVR/6** will be operated from the Uji Archipelago (AS-067) in the IOTA contest, SSB only on 40, 20, and 15 meters. QSL to EA5KB.

■ **BO0OKS** will be active from Kin-Men (AS-113) July 26-29, including an entry in the IOTA contest. QSL to BV2KI.

■ **MW6Z** will be on from Anglesey (EU-124) in the contest, operated by G5LP, G3VMW, and G4BWP. QSL G5LP.

■ **GM3USL/p** will operate from the Isle of Cumbrea (EU-123) in the IOTA contest. QSL to GM0KVI.

■ **F5CCO/p** on SSB, **F6JSZ/p** on CW, and **F1IXQ** on the satellites will operate the IOTA contest from Planier Island (EU-095). QSL home calls.

■ **G0WJF** will be operated by K6ZH from Lundy Island (EU-120) in the IOTA contest.

■ **ZX7XX** will be operated by PR7FB, PY7ZY, PY7XC, and PY7ZZ in the IOTA contest on CW and SSB. QSL direct to Jemesson Faria, Rua Professor Antonio Coelho 139/302, Recife-PE, CEP 50740-020, Brazil.

■ **AA7RW** will operate from Guemes Island (NA-065) in the contest. QSL home call.

■ **M6N** will be active from the Isle of Wight (EU-120) in a multi-op entry in the IOTA contest. QSL G3WOI.

■ **GM4WSB** should be active from North Rona Island (EU-010) on July 21. QSL G4WSB.

■ **DL4FCH** will operate CW from Pellworm Island (EU-042) July 19-Aug. 9, including an entry in the contest.

■ **EA5AIHK** and **EA5AFF** will operate from Portitxol Island (EU-093) July 18-21.

■ **CU9B** is CU3DR on Corvo Island (EU-089), to July 29.

■ **SV8/F5UKW** is active until July 28 from Cyclades Island (EU-067), SSB only on 40, 20, and 17 meters.

■ **VE2SEI** and other members of the Montreal West Island ARC will operate from Cape Breton NS (NA-010) July 17-22 and from Seal Island July 25-Aug. 1, including the IOTA contest. QSL to VE2CWI.

■ **RK0FWL/p** will be operated by the Far East Islands DX Club July 20-28 from Habomai Island (AS-062). Try the IOTA frequencies of 14260, 21260, and 28460 kHz.

■ **GM0WDY/p** is the IOTA contest callsign of G0PCA and others from Benbecula Island (EU-010), on 20-10 meters, CW, SSB, and Pactor. Outside the contest, July 23-30, they will sign GM0PCA/p. QSL to G0PCA.



## Propagation

### Forecast and Historical Data

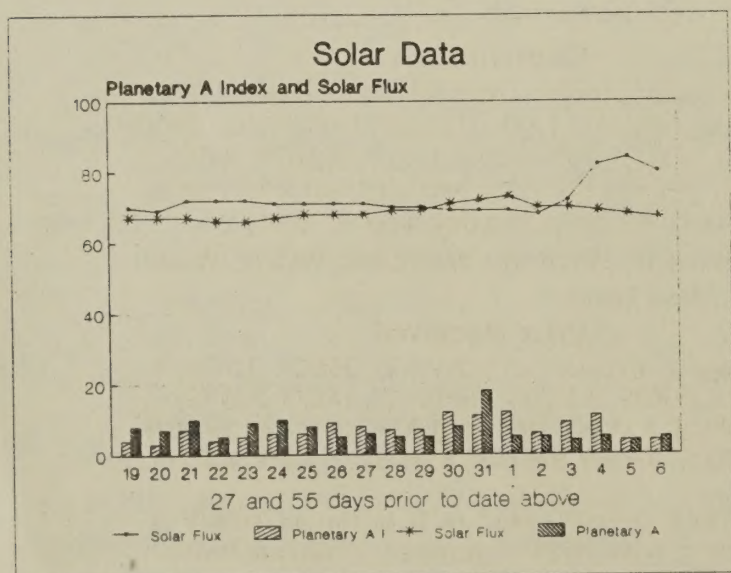
Day Forecast	27 Days Before	55 Days Before
July, 1996	Date Flux A K	Date Flux A K
19 Above Normal	6/22 70 03/04 2	5/25 67 09/08 1
20 Above Normal	6/23 69 04/03 1	5/26 67 07/07 1
21 High Normal	6/24 72 07/07 3	5/27 67 08/10 2
22 Above Normal	6/25 72 05/04 1	5/28 66 04/05 1
23 Above Normal	6/26 72 04/05 1	5/29 66 09/09 2
24 High Normal	6/27 71 08/06 2	5/30 67 09/10 2
25 High Normal	6/28 71 07/06 2	5/31 68 10/08 2
26 High Normal	6/29 71 11/09 3	6/1 68 05/05 1
27 High Normal	6/30 71 08/08 1	6/2 68 03/06 2
28 High Normal	7/1 70 06/07 2	6/3 69 04/05 1
29 High Normal	7/2 70 06/07 2	6/4 69 04/05 1
30 High Normal	7/3 69 12/12 2	6/5 71 07/08 2
31 High Normal	7/4 69 13/11 2	6/6 72 23/18 2
August, 1996		
1 High Normal	7/5 69 12/12 0	6/7 73 04/05 1
2 High Normal	7/6 68 04/06 1	6/8 70 07/05 2
3 High Normal	7/7 72 08/09 2	6/9 70 05/04 2
4 High Normal	7/8 82 09/11 2	6/10 69 07/05 2

### Propagation

Sunspot Cycle 22 showed that it is not complete dead yet. Sunspot Region 7978, a Cycle 22 spot, was active enough to push the solar flux above 80, the highest such level in six months. (See the graph below.) However, the brief increase in solar activity was marred by a Class-X flare and coronal mass ejection (CME). Region 7978 was on the western side of the sun when the flare occurred, which means the CME headed for Earth. The interaction of the CME and the earth's geomagnetic field disturbed propagation last week.

This was probably an isolated event, and is not expected to recur. Look for solar flux to continue to hover near 70, just a bit above its theoretical minimum. In the absence of another isolated flare, we expect conditions to remain stable, with good 40- and 30-meter openings at night and some DX on 20 and 17 meters during the day.

Multi-hop E-skip permits some 10-meter DXing. The path between Europe and US northeast is open more often than most DXers think. Try CQing in that direction in the early afternoon. Good hunting.



## Islands On The Air, Continued

- **GU6D** is the IOTA contest callsign from Guernsey Island (EU-114) of G3KHZ, G3SJJ, and G3TMA. They will use GU prefixes outside the contest. QSL via G3SJJ.
- **CS7P** will be a multi-op entry in the IOTA contest by CT1BOH and other members of the Portuguese DX Group from Berlenga Island (EU-040). QSL to CT1AHU.
- **DL3OCF** and others will operate from Fehmarn Island (EU-128) July 26-28, including the IOTA contest, on 80-10 meters. QSL via the German bureau to DL3OCF.
- **ED1IMA** will be operated by the Kastrellos Kontest Team from Monte Agudo Island (EU-080) July 25-28, on 80-10 meters, CW and SSB. QSL to EA1FDG.
- **VE1JS** will be active from Freeport Island (NA-127) in the IOTA contest; QSL home address.
- **CU3AV** and **CU3FQ** will enter the IOTA contest from the Azores (EU-003).
- **GM0HTG** will be on 20-10 meters, SSB only, in the contest from the Orkney Islands (EU-009). QSL to his 1996 *Callbook* address.
- **F5TGR** and others will be active from Les Sept Islands (EU-107) in the contest, 80-10 meters, CW and SSB.
- **DH8FAP** will operate from Spiekeroog Island (EU-047) July 26-Aug. 5, on 80-meter SSB and RTTY.
- **GM3IZD/p** will be operated by G3IZD in the IOTA contest from Grimsay Island (EU-010), CW only into a vertical antenna. QSL home call.
- **KB5KYO** will operate from Grand Isle (NA-168) July 24-28, including the contest, CW and SSB on 40-10 meters.
- **SM4DDS/7** will operate from Senoren Island (EU-138) July 24-28, including the contest, CW and SSB. QSL home address.
- **EJ5CRC** will be active on all bands in the contest from Saltee Island (EU-103), operated by EI2IB and EI2HY. QSL to EI2HY.
- **KG6VI**, **N6WKU**, **N6RNX**, **KO6TN**, and others will operate from San Miguel Island (NA-144) July 26-29, on 160-10 meters, CW and SSB. QSL home addresses.
- **WQ5Y** and other members of the Ant Hill Team will operate from Mustang Island (NA-092) in the contest.
- **N4OT** will operate from Gwynn Island July 26-28, including a CW entry in the contest. Andy will be on SSB before the contest. He'll be on 80-10 meters, concentrating on 40- and 20-meter CW. QSL home call.
- **F5PAC/p** will operate from Oleron Island (EU-032) in the contest.
- **GM3USL/p** will be active from Cumbræ Island (EU-123) in the contest; QSL to GM0KVI.
- **F/G3TTC/p** plans to put Ile de Moirmoutier (EU-064) on the air for the contest, SSB only on 75, 40, and 20 meters. QSL home call.
- **GM5VG/p** will operate from Monach Island (EU-111) in the contest, aired by GM4FDM and others.
- **F6ELE** and **F6IIKA** will operate from Molene Island (EU-065) July 25-29, including the IOTA contest.
- **R1/EU1FC** will be operated by EU1FC and EW1MA July 20-31, including the IOTA contest, on 80-15 meters. QSL direct only to EU1FC.
- **EA5RKZ** and others will try to operate from Peneta del Moro Island (EU-151) for a few hours July 28.



# B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. \* = long path. P = packet.  
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
30	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3

## Digimodes

9Q5PA	14083	2145	6	OH
CO3ZD	14083	2213	4	MN
CU1AC	14082	2255	4	OH
HH2JR	14086	1911	6	MN
HP1XBH	14086	1956	6	MN
KG4MN	14082	1410	4	OH
PJ2MI	14086	1919	6	MN
RW6BK	14080	2100	7	OH
TG9AXB	14084	2211	4	MN
UR5EDU	14086	2010	7	NY
WP4Q	14083	2315	4	OH
YO6OBH	14083	2203	7	NY
YV5AIE	14079	0150	9	CA

## 80 Meters

3D2RW	3507	1034	7	MN
VK1FF	3508	1023	6	FL
ZL1ASZ	3504	1100	7	FL
ZL4OK	3508	1025	6	FL

## 75 Meters

C21NJ	3796	1052	30	AR
C21RK	3799	1006	29	AR
EM1KA	3794	1018	29	AR
LU7VCH	3795	0504	1	CA
PW8TR	3793	0938	29	AR
ZP5CC	3796	0943	29	AR

## 40 Meters

3D2RW	7006	1046	5	AL
3V8BB	7006	2316	9	FL
CL3IP	7028	2242	1	GA
FT5WE	7005	1335	26	CA
HJ0VGJ	7009	1205	9	IA
HR1LW	7011	1133	6	FL
HR3KLB	7015	0312	2	SC
KC6BP	7007	1150	10	MT
LZ1KOZ	7010	0219	5	MN
RW0MM	7007	1140	13	IA
VI75RAAF	7007	1101	7	FL
Z31CZ	7005	0305	2	SC

## 30 Meters

3B8CF	10106	0322	2	SC
5N3/	10102	2300	2	GA
SP5XAR				
9K2MU	10102	0159	5	AL
HC5AI	10104	1235	2	CA
HC5AI	10103	2338	2	GA
JH7JVJ	10101	1246	4	GA
LZ1FI	10103	0250	5	SC
LZ2TW	10106	0325	2	SC
PY2XB	10110	0125	5	GA
PZ1AP	10103	0217	5	GA
Ti2PZ	10102	0200	8	GA
US0HZ	10106	0251	5	SC
VP9MZ	10102	0056	13	FL
Z32DY	10106	0342	2	SC

ZD8DEZ	10101	2150	4	AL
ZL2UW	10102	1150	13	FL

## 20 Meter CW

3V8BB	14020	0206	9	MD
4K6GF	14013	1147	6	FL
6V1A	14022	1216	6	FL
8P6AZ	14043	2225	8	GA
8P6DP	14031	1846	6	GA
9A8P	14027	2159	7	MA
9K2HN	14014	1838	30	MI
9V1ZB	14008	1310	9	IA
BV7WB	14015	1245	7	IA
BV9DKA	14004	2330	3	MN
CN76BM	14012	0037	10	FL
CO2MA	14025	1200	6	GA
CO6AI	14006	2116	4	CA
CO6RQ	14027	2219	8	GA
EG1US	14010	1124	7	MA
EK4JJ	14025	0324	1	GA
ES4RO	14012	0220	9	MT
EU1AA	14005	2100	4	IA
EW1WZ	14026	0410	26	CA
EX0V	14018	0227	6	SC
EX8MD	14022	0230	11	IA
EY8XX	14006	0220	11	IA
FK8HC	14008	0254	6	MO
FO/F6DTZ	14017	0034	9	MT
FO5JR	14010	0239	6	IA
HC5AI	14011	2134	8	FL
HI3CR	14015	2224	5	MN
HL1CG	14007	1242	6	FL
IS0/	14002	2305	10	OR
YO3RA				
KC6BP	14025	0619	9	MT
LA3FL	14026	0121	9	MD
LY1DW	14009	0211	10	FL
LZ1KOZ *	14005	0354	6	IA
OA4FW	14025	0305	10	MT
PP2FN	14016	0027	9	MD
R0/UR8LV	14025	0140	9	MD
RA0JZ	14019	1310	26	MI
RO4DN	14019	0400	10	MT
RX1OX	14005	0221	4	SC
S52ZY	14025	0507	9	MT
S92SS	14001	2237	27	CA
T77BL	14022	2100	10	OR
T94GB	14030	2216	1	GA
TR8BAR	14005	2311	6	OR
TT8SP	14019	0025	13	IA
UA0CM	14018	1300	26	MI
UA1ZO	14023	0348	10	MT
UA9CQ	14013	0235	12	IA
UA9CQ	14013	1255	1	MI
UA9CUA	14026	0230	4	SC
UE9XYW	14020	1315	26	MI
UN8RWB	14016	0145	27	MN
UN8RWB	14024	1400	8	IA
UX5MZ	14003	0300	10	MT
V47YC	14030	1855	6	GA
VU2BK	14021	0209	10	FL
VU2PTT	14009	0301	10	MT
YJ0ARW	14007	0016	11	OR
Z32XX	14025	2320	7	GA

ZA1AM	14006	2325	1	SC
ZD8DEZ	14018	2050	4	CA
ZS8IR *	14025	0936	4	CA

## 20 Meter SSB

3V8BB	14216	2323	1	AR
4L5A	14210	0325	11	IA
4U1UN	14200	1550	6	WI
4X1EL	14184	2323	30	AR
5B4KH	14170	1130	13	IA
5B4KH	14183	2227	9	MD
5B4XF	14180	2316	8	AR
5N0T	14188	2305	6	AR
5W1MH	14245	0235	8	IA
9A8P	14260	1000	6	AR
9A8P	14256	1558	4	MA
9G1NS	14214	0005	8	IA
9H1EL	14225	2206	3	WI
9K2MU	14247	2342	29	AR
9M6CZ	14192	1205	9	IA
9M8HIM	14247	1310	26	VA
BV4YB	14186	1131	7	AR
BY5CN	14197	1201	7	AR
C21JJ	14165	0541	10	MT
C21NJ	14222	0540	10	MT
C21NJ	14220	1202	30	PA
C21TT	14195	1130	25	MO
CT1EHI	14198	0021	10	MT
DU1KT	14195	1121	2	PA
DU1SAN	14196	1135	6	AR
E21CJN	14181	1425	29	MN
EA3OT	14191	0002	8	CA
EG1US	14211	2304	3	AR
EI5INS	14264	2027	8	MD
FK8HC	14197	0325	6	SC
FO0CAA	14195	0627	9	MT
FO0REB	14195	0500	10	MT
FO5PI	14208	0350	10	IA
GI4UDI	14204	0023	10	MT
HL1CG	14173	1107	2	PA
HL5KY	14190	1240	1	PA
JW7QIA	14203	0215	11	IA
KH2/	14215	1135	6	PA
VP9BP				

LY2ZZ	14230	0410	28	CA
MW0AGE	14179	2234	9	MD
OD5OD	14225	2344	3	AR
P29VB	14195	1130	9	AR
P43DJ	14224	0102	3	MN
RU0LAX	14181	1149	9	AR
S52HA	14194	1002	6	AR
SP0PAZ	14218	1006	30	AR
SP3SLA	14208	0032	10	MT
SU1SK	14220	2340	29	AR
SV1DKR	14206	0000	30	AR
T32LN	14181	0245	8	AR
TM5SOM	14253	0944	30	AR
TR8IG	14255	2206	5	WI
UA0AP	14180	1106	2	PA
UA0SJ	14198	1244	1	PA
UA0SMF	14196	1247	30	PA
UA9KY	14219	0120	9	IA
US1WW	14182	0402	10	MT
XX9GD	14181	1148	2	AR
XX9KC	14195	1307	6	VA
YB0ARN	14180	1231	30	PA
YB1XUR	14226	1149	6	AR
ZS8IR	14195	1047	19	VA
ZS8IR *	14195	1000	12	IA

## 17 Meter SSB

EA8AMT	18150	2315	1	AR
FG5HR	18132	1510	29	VA
Ti4CF	18147	1322	22	VA
VK2AXB	18120	0250	24	VA
VK2AXB	18123	0457	2	CA
VK5WO	18163	0256	24	VA

## 15 Meter CW

EA1BUZ	21010	0040	12	IA
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## 15 Meter SSB

VK2XT	21290	0255	9	IA
ZL1AST	21317	0110	13	IA

## 10 Meter SSB

7X2LS	28495	1318	16	VA
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## Contributors

This Issue made possible by: AA7RW, AB8K, DXNS, F5CCO, GM0GAV, HA1AG, HR1DPH, JH1HRJ, K0VSV, K4BAI, K4II, K4IQJ, K5OVC, K7ABV, K8JLF, KB8I, KK6H, KR4UJ, KS0M, KZ0X, N2LEB, N4UCK, OPDX, PS7AB, PY7XC, W0RXL, W4VQ, W8CT, W9HAO, W9RXJ, WB3ECU, WB8YJF, WB8ZRL, WC7N, WO6R, and WU6T. Many thanks!

## QSLs Received

■ From managers: FY5GJ (F2YT, 2 WKS); J56CK (I4LCK, 2 MOS); LZ5Z (LZ1KDP, 3 MOS); T30BH (ZL1AMO, 3 WKS); TD9IGI (KA9FOX, 3 MOS); UA1ZO (LA8PF, 2 WKS); VK9CR (DK7NP, 3 MOS); VK9XY (DK7NP, 3 MOS); XU6WV (K0TLM, 10 WKS).  
■ Direct: CT1EEB (2 WKS); JX4CJA (7 MOS); JX7DFA/P (2 MOS); KS6DV (3 WKS); OY1CT (6 WKS); ZP6SC (5 WKS).



## Current and Future DXpeditions

(Changes and hot info in boldface.)

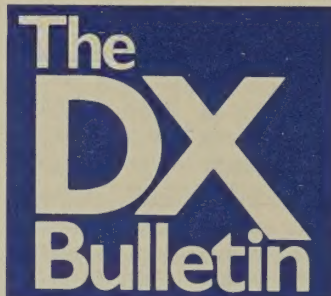
<u>DXCC Country</u>	<u>Prefix</u>	<u>Callsign</u>	<u>Dates</u>	<u>Issue</u>
Aland Islands	OH0	OH0NJV/MHT	July 22-26	I843
	OH0	HB9BCK	July 13-23	I844
American Samoa	KH8	K8s/	July 19-24	I844
Ascension Island	ZD8	ZD8DEZ	May-Dec.	I835
Benin	TY	TY1RY	CQWW RTTY	I847
Cape Verde	D4	IK3VAW	July 21+?	I847
Comoros	D6	DLs	Aug. 22-Sept. 5	I840
Corsica	TK	/IK3JYE	Sept. 2-8	I843
Crozet	FT	FT5WE	3505 14Z	I845
		FT5WE	14164 0500Z	I846
Cyprus	5B4	/DL5MX	July 18-31	I843
Dominican Rep.	HI	HI9/I4LCK	Aug. 2-11	I847
East Malaysia	9M	9M6/G0OPB	July 25-28	I847
Glorioso	FR	FH5AM/	now active	I846
Greenland	OX	/G3WUX	July 10+	I843
Guinea-Bissau	J5	J52IM?	July+	I844
Jan Mayen	JX	JX7DFA	now active	I837
Lebanon	OD/	F5PWJ	back again	I845
Liechtenstein	HB0	DLs	July 14-27	I841
Luxembourg	LX	/F6ELE	July 13-20	I844
Malta	9H	9H3UF/D	July 22-Aug. 9	I841
Marion Island	ZS	ZS8IR	14195 10-1200Z	I844
Market Reef	OJ0	TBA	Aug. 1-4	I847
Minami Torishima		JG8NQJ/JD1	July 15+	I841
Nepal	9N	9N1RHM	14208/226 0130Z	I839
North Korea	P5	P57VK	unsuccessful	I848
Papua New Guinea		P29WK	now active	I846
Philippines	DU	DU1INT	July 12-20	I846
Sable Island	CY0	WA4DAN+/	Oct. 1-8	I834
South Cook Islands		ZK1AAU+	July 11-20	I842
Sovereign Bases	ZC4	ZC4EKJ	July 4-20	I845
Sri Lanka	4S	4S7BRG	June 7-Sept. 2	I842
		4S7EA	14190 1515Z	I842
Tonga	A3	A35RK	soon	I848
Tromelin	FR/T	FR5ZQ/T	now active	I846
Turks & Caicos	VP5	/I0LL	to July 28	I848
Vanuatu	YJ	YJ0ARW	now active	I848
Wales	GW	GW6J	IOTA test	I846
Western Samoa	5W	5W0TR+	July 24-29	I845
		5W1PC	now active	I845
Zaire	9Q	9Q2L	back soon	I844

## Air Fare War

Southwest Airlines is offering \$25 and \$50 flights over much of its network. Other airlines are matching these fares on competing routes. This makes a great opportunity to pick up some very cheap flights to destinations such as the New Orleans International DX Convention.

## Resident Amateurs on Regularly

<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
Ascension Island	ZD8DEZ	10101	2200Z Thurs.
Ecuador	HC5AI	10104	1230Z
India	VU2BK	14020	0200Z
Indonesia	YB1XUR	14200±	12-1400Z
Kazakhstan	UN8RWB	14020±	0200Z
Kyrgyzstan	EX8MD	14022	0230Z
Macedonia	Z32XX	14025	23-0200Z
Marion Island	ZS8IR	14195	1000Z
New Caledonia	FK8HC	14190±	0330Z+
Nigeria	5N3/SP5XAR	10101	2300Z



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## DX Operating Events and DX Gatherings

July 19-21	Northwestern DX Convention
July 20-21	DARC HF RTTY Contest
July 27-28	IOTA Contest
Aug 3-4	Romanian DX Contest
Aug. 17-18	SARTG WW RTTY Contest
Aug. 30-31	New Orleans DX Convention
Sept. 7	W9DXCC Convention

## Now Available!

The 1996 Edition of

## The K1BV DX Awards Directory

The brand-new, 1996 edition of the comprehensive, up-to-date directory includes details on 2406 awards from 120 DXCC countries around the world. The new edition features 100 new awards and hundreds of address, pricing, and rule changes. Each award has been carefully researched, with direct letters to the sponsors, to ensure accuracy and timeliness. Award details include lists of club members, where applicable.

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The 1996 K1BV DX Awards Directory is available for \$20.00, postpaid in the US and Canada. Overseas cost is US\$18 by surface mail, or US\$30 by airmail. Send check or money order to: Ted Melnosky K1BV, DX Awards Directory, 65 Glebe Road, Suite DX, Spofford NH 03462-9740 USA.